

Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the Soil Survey Manual and many of the technical terms used in the description are defined in Soil Taxonomy.

Counties with Published Soil Surveys

Technical soil descriptions are located in the county soil survey descriptive legend.

Counties without Published Soil Surveys

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

This section includes:

- **(a) Classification of the soils**

Table 21.--Classification of the Soils

Soil name	Family or higher taxonomic class
Alred-----	Loamy-skeletal over clayey, siliceous, semiactive, mesic Typic Paleudalfs
Blueye-----	Fine, mixed, active, mesic Typic Argiudolls
Britwater-----	Fine-loamy, mixed, active, mesic Typic Paleudalfs
Captina-----	Fine-silty, siliceous, active, mesic Typic Fragiudults
Cedargap-----	Loamy-skeletal, mixed, superactive, mesic Cumulic Hapludolls
Clarksville-----	Loamy-skeletal, siliceous, semiactive, mesic Typic Paleudults
Gasconade-----	Clayey-skeletal, mixed, superactive, mesic Lithic Hapludolls
Gobbler-----	Clayey-skeletal, mixed, active, mesic Typic Hapludalfs
Goss-----	Clayey-skeletal, mixed, active, mesic Typic Paleudalfs
Hailey-----	Loamy-skeletal, siliceous, superactive, mesic Typic Dystrudepts
Hootentown-----	Fine-silty, mixed, active, mesic Typic Paleudalfs
Horneybuck-----	Fine-loamy, mixed, active, mesic Aquic Paleudults
Horsecreek-----	Fine-silty, mixed, active, mesic Mollic Hapludalfs
Jamesfin-----	Fine-silty, mixed, superactive, mesic Dystric Fluventic Eutrudepts
Knobby-----	Loamy-skeletal, mixed, superactive, mesic Lithic Hapludolls
Mano-----	Loamy-skeletal over clayey, mixed, semiactive, mesic Oxyaquic Hapludalfs
Moko-----	Loamy-skeletal, mixed, superactive, mesic Lithic Hapludolls
Noark-----	Clayey-skeletal, mixed, semiactive, mesic Typic Paleudults
Ocie-----	Loamy-skeletal over clayey, mixed, semiactive, mesic Oxyaquic Hapludalfs
Pinerun-----	Loamy-skeletal, siliceous, active, mesic Typic Hapludalfs
Pomme-----	Fine-loamy, mixed, semiactive, mesic Typic Paleudalfs
Rueter-----	Loamy-skeletal, siliceous, active, mesic Typic Paleudalfs
Scholten-----	Loamy-skeletal, siliceous, active, mesic Typic Fragiudults
Sonsac-----	Clayey-skeletal, mixed, active, mesic Typic Hapludalfs
Sowcoon-----	Fine-silty, mixed, active, mesic Fraguaquic Paleudults
Tonti-----	Fine-loamy, mixed, active, mesic Typic Fragiudults
Waben-----	Loamy-skeletal, siliceous, active, mesic Ultic Hapludalfs
Woolly-----	Loamy-skeletal, mixed, superactive, mesic Cumulic Hapludolls